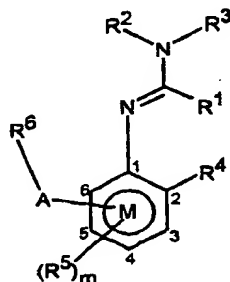


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## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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<b>(21) International Application Number:</b> PCT/GB00/00345 <b>(22) International Filing Date:</b> 4 February 2000 (04.02.00) <b>(30) Priority Data:</b> 9902592.6      6 February 1999 (06.02.99)      GB <b>(71) Applicant (for all designated States except US):</b> HOECHST SCHERING AGREVO GMBH [DE/DE]; Miraustrasse 54, D-13509 Berlin (DE). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> CHARLES, Mark, David [GB/GB]; 51-53 Kings Road, Brighton BN1 1NA (GB). FRANKE, Wilfried [DE/ZA]; Upper Mountain Road 10, Golden Hill, 7130 Somerset West (ZA). GREEN, David, Eric [GB/GB]; Aventis CropScience UK Limited, Chesterford Park, Saffron Walden, Essex CB10 1XL (GB). HOUGH, Thomas, Lawley [GB/GB]; Aventis CropScience UK Limited, Chesterford Park, Saffron Walden, Essex CB10 1XL (GB). MITCHELL, Dale, Robert [GB/GB]; Aventis CropScience UK Limited, Chesterford Park, Saffron Walden, Essex CB10 1XL (GB). SIMPSON, Donald, James [GB/GB]; Aventis CropScience UK Limited, Chesterford Park, Saffron Walden, Essex CB10 1XL (GB). ATHERALL, John, Frederick [GB/GB]; Aventis Crop-		Science UK Limited, Chesterford Park, Saffron Walden, Essex CB10 1XL (GB). <b>(74) Agent:</b> SEWELL, Richard, Charles; Aventis CropScience UK Limited, Patent Dept., Chesterford Park, Saffron Walden, Essex CB10 1XL (GB). <b>(81) Designated States:</b> AU, BR, CA, CN, CZ, HU, IL, IN, JP, KR, MX, RU, TR, UA, US, ZA, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). <b>Published</b> With international search report.

**(54) Title:** N<sup>2</sup>-PHENYLAMIDINE DERIVATIVES

(I)

**(57) Abstract**

The invention provides fungicidal compounds of formula (I) and salts thereof wherein: R<sup>1</sup> is alkyl, alkenyl, alkynyl, carbocyclyl or heterocyclyl, each of which may be substituted, or hydrogen; R<sup>2</sup> and R<sup>3</sup>, which may be the same or different, are any group defined for R<sup>1</sup>; cyano; acyl; -OR<sup>a</sup> or -SR<sup>a</sup>, where R<sup>a</sup> is alkyl, alkenyl, alkynyl, carbocyclyl or heterocyclyl, each of which may be substituted; or R<sup>2</sup> and R<sup>3</sup>, or R<sup>2</sup> and R<sup>1</sup>, together with their interconnecting atoms may form a ring, which may be substituted; R<sup>4</sup> is alkyl, alkenyl, alkynyl, carbocyclyl or heterocyclyl, each of which may be substituted; hydroxy; mercapto; azido; nitro; halogen; cyano; acyl; optionally substituted amino; cyanato; thiocyanato; -SF<sub>5</sub>; -OR<sup>a</sup>; -SR<sup>a</sup> or -Si(R<sup>a</sup>)<sub>3</sub>; m is 0 to 3; when present R<sup>5</sup>, which may be the same or different to any other R<sup>5</sup>, is any group defined for R<sup>4</sup>; R<sup>6</sup> is optionally substituted carbo- or heterocyclyl; and A is a defined linking group, or -A-R<sup>6</sup> and R<sup>5</sup> together with benzene ring M form an optionally substituted fused ring system.